

Recombinant Human Far Upstream Element (FUSE) Binding Protein 1, His-tagged

Cat. No. FUBP1-6838H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant human FUBP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Species

Human

Source

E.coli

ProteinLength

279-448aa

Description

FUBP1 is a protein that in humans is encoded by the FUBP1 gene. This gene encodes a ssDNA binding protein that activates the far upstream element (FUSE) of c-myc and stimulates expression of c-myc in undifferentiated cells. Regulation of FUSE by FUBP occurs through single-strand binding of FUBP to the non-coding strand.

Form

Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT.

Molecular Mass

20.8kDa(195aa) confirmed by MALDI-TOF

AA Sequence

MGSSHHHHHH SSGLVPRGSH MGSMDVPIP RFAVGIVIGR NGEMIKKIQN
DAGVRIQFKP DDGTTPERIA QITGPPDRCQ HAAEIITDLL RSVQAGNPGG
PGPGGRGRGR GQGNWNMGPP GGLQEFNFIV PTGKTGLIIG KGGETIKSIS
QQSGARIELQ RNPPPNADPN MKLFTIRGTP QQIDYARQLI EEKIG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	FUBP1 far upstream element (FUSE) binding protein 1 [Homo sapiens]
Official Symbol	FUBP1
Synonyms	FUBP1; far upstream element (FUSE) binding protein 1; FUBP; far upstream element-binding protein 1; FBP; hDH V; DNA helicase V; FUSE-binding protein 1; far upstream element binding protein;
Gene ID	8880
mRNA Refseq	NM_003902
Protein Refseq	NP_003893
MIM	603444
UniProt ID	Q96AE4
Chromosome Location	1p31.1

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Function

DNA binding; RNA binding; sequence-specific DNA binding transcription factor activity; single-stranded DNA binding;

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